Energy Star 4.0
POWER SAVING

Idle mode ≤22dB
SILENT

RoHS COMPLIANT

XC mini 1.36L
SPACE SAVING

XC mini

HDCP
HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

Dual display

1080 P Full HD

5.1CH Audio

HDMI READY

Audio/Video feature
- Supports HDMI interface with HDCP protocol output for consumer electronic home appliances.*
- Supports Dual video output that can be connect to LCD, HDTV, TV and CRT.
- Excellent performance with full 1080p high definition video playback ability.
- 5.1 channel High definition audio output.

Supports intel Celeron **Supports intel Core 2 Duo** **Socket P**
MONTEVINA PLATFORM

intel GMA X4500

intel GM45 ICH9M

SODIMM DDRII Dual Channel

H.264 Decoder

Performance feature
- Supports Socket P Intel® Core™ 2 Duo (Penryn) and Celeron™ CPU with 667/800/1066MHz FSB.
- Intel® GM45+ICH9M chipset with GMA X4500 graphics engine, supports Microsoft® DirectX™ 10.
- Supports dual channel SO-DIMM DDR-II 667/800MHz memory up to 4GB.
- Built-in highly performance H.264 video decoder.

mini Card x2 Supports

eSATA
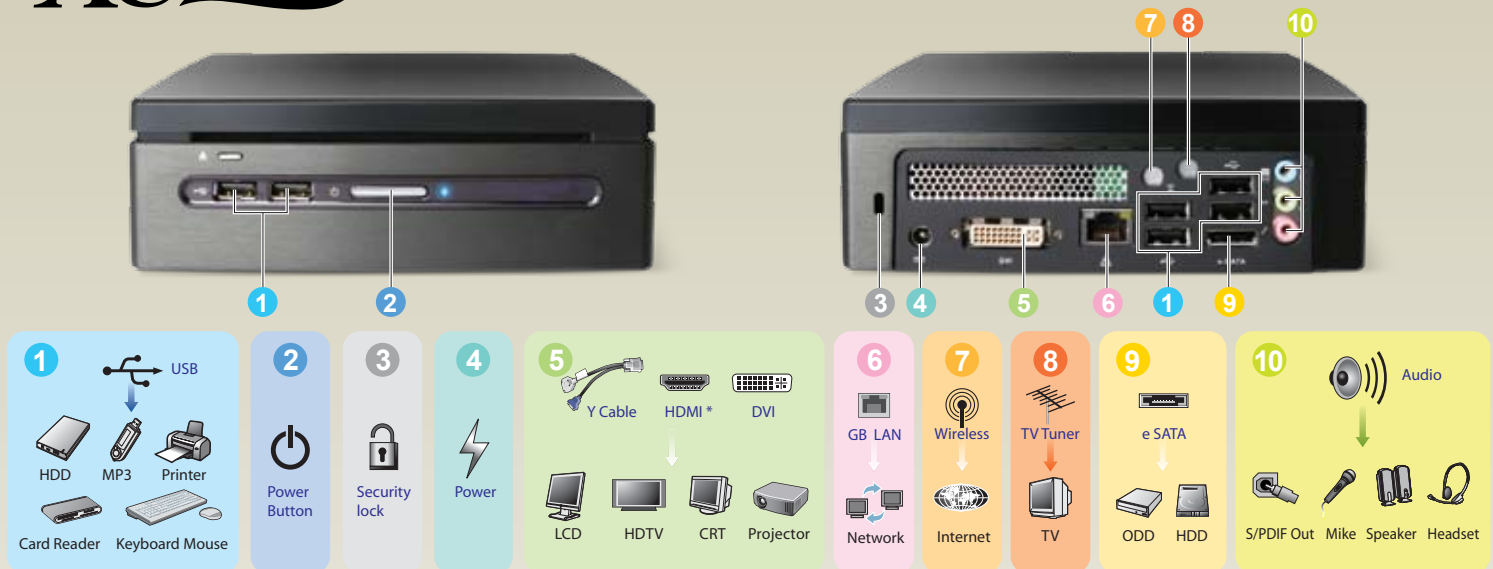
SATA 2.0

USB 2.0

Extension feature
- Supports SATA 2.0 2.5" internal hard disk drive.
- Provided e-SATA connector for external device such as hard disk drive or optical drive.
- Provided six USB 2.0 ports for easy connect to most peripherals.
- two mini Card slots for function extension.

* HDMI connects provided by DVI to HDMI converter included audio signal.

powered by aopen

XC mini

USB — HDD, MP3, Printer, Card Reader, Keyboard Mouse
2. Power Button
3. Security lock
4. Power
5. Y Cable / HDMI * / DVI → LCD, HDTV, CRT, Projector
6. GB LAN → Network
7. Wireless → Internet
8. TV Tuner → TV
9. e SATA → ODD, HDD
10. Audio → S/PDIF Out, Mike, Speaker, Headset

*HDMI Video output by DVI to HDMI Convertor.

Specifications

Series	MP45 Series	
Model name	MP45-DR	MP45-D
	(Super Multi)	(Super Multi)
Product SKU		
Part Number U.S	91.MB401.B3W0	91.MB401.B1W0
EAN Code	4712602933872	4712602934091
Product Specifications		
Dimension WxHxD(mm)	165(W) x 50(H) x 165(D)	165(W) x 50(H) x 165(D)
WxHxD(inch)	6.5(W) x 1.97(H) x 6.5(D)	6.5(W) x 1.97(H) x 6.5(D)
Volume(liters)	1.36L	1.36L
Weight(Kg/Pound)	1.45kg / 2.4 pound (N.W.)	1.45kg / 2.4 pound (N.W.)
Housing Color	Black	Black
Power Solutions	Two-phase voltage stabilization	Two-phase voltage stabilization
CPU Socket	Socket P	Socket P
Type	Supports Intel Core 2 Duo (Penryn) and Celeron CPU	Supports Intel Core 2 Duo (Penryn) and Celeron CPU
FSB	800/1066	800/1066
Chipset NB	Intel GM45	Intel GM45
SB	ICH9M	ICH9M
Memory Dual Channel	Dual Channel Model	Dual Channel Model
Type	DDRII SO-DIMM x 2	DDRII SO-DIMM x 2
DDR	667/800	667/800
Max Memory size	4GB (1)	4GB (1)
Audio Type	Realtek ALC888 HD Audio	Realtek ALC888 HD Audio
Channel	5.1CH	5.1CH
Adapter	90W (20V, 4.5A) AC Adapter	90W (20V, 4.5A) AC Adapter

Series	MP45 Series	
Model name	MP45-DR	MP45-D
	(Super Multi)	(Super Multi)
Product Specifications		
Graphics Chip	Intel GM45 on Die Intel GMA X4500 HD (Support Microsoft Direct X10)	Intel GM45 on Die Intel GMA X4500 HD (Support Microsoft Direct X10)
DVI Port	x 1	x 1
VGA Port	x 1 (via DVI to DVI + VGA Y Cable)	x 1 (via DVI to VGA Converter)
HDMI interface	x 1 (via DVI to HDMI Converter)	N/A
Expansion Slot mini Card Slot	x 2	x 2
LAN	Intel 10/100/1000 Ethernet	Intel 10/100/1000 Ethernet
CPU Thermal Module	AOpen Thermal Module	AOpen Thermal Module
Noise	22db (idle)	22db (idle)
Input Voltage	AC 100 ~ 240V	AC 100 ~ 240V
ODD	Super Multi (DVD-RW)	Super Multi (DVD-RW)
Remote Control	v	N/A
Environment		
Operating Temperature	10 ~ 35ºC (50 ~ 95ºF)	10 ~ 35ºC (50 ~ 95ºF)
Storage Temperature	-10 ~ 48ºC (14 ~ 118.4ºF)	-10 ~ 48ºC (14 ~ 118.4ºF)
Relative Humidity	5 ~ 95% RH	5 ~ 95% RH
Support OS		
Windows Vista Premium	v	v
Windows Vista Basic	v	v
Windows XP MCE 2005	v (2)	v (2)
Windows XP	v (2)	v (2)

AOpen reserves the right to revice all the specification and information contained in this document, which are subject to change without subject to change without prior notice.
Note (1) : The max physical memory size of 4GB may incur overlapping from subsystems that limit available memory for the operating system.
Note (2) : The IR/Remote Control of AOpen accessory is not supported under windows XP and Windows XP MCE.

Accessories

Model Name	TV Tuner Kit (ATSC)	TV Tuner Kit (DVBT)	802.11b/g Wireless kit	Wireless Antenna (Black)	DVI to D-Sub + DVI Cable	Bluetooth Module
AOpen P/N	90.MA610.0120	90.MA610.0020	90.MA658.0010	59.8EX01.0010	50.8EX07.0010	TBD
EAN Code	471260-293321-6	471260-293322-3	471260-293023-9	471260-293165-6	471260-293145-8	TBD
UPC Code			750519-17310-7	750519-17681-8	750519-17646-7	
Slot	MINI Card					USB
Interface	PCIe				DVI-i	USB
Module Board	Analog / ATSC TV Yuan Hybrid TV MiniCard (Analog TV includes PAL, SECAM, NTSC)	Analog / DVB-T TV Yuan Hybrid TV MiniCard (Analog TV includes PAL, SECAM, NTSC)	802.11b/g 54Mbps Wireless LAN PCI Express Mini Card	NA	NA	Bluetooth2.0 USB Module

powered by aopen